

Purchase Order Receipt Listing

Friday, May 05, 2017 8:30:39 AM

M304TS0.750W.049
M137401

All Vendors PO ID PO36045 Receipt Dates from 4/28/2017 to 4/28/2017 All Line Item Types
All Item ID/GL/WOs All Rec. Employees: All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date/ Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO36045	1	VC-MET002	Metaux Solutions								
CAD	No		M304TS0.750W.049 f								
			304 SQ Tube	46 f							
			.75x.75x.049W								
			m137401								
2	2	M304TS0.750W.065 f									
No	No		304 SQ Tube	56 f							
			.75x.75x.065W								
			m137401								
3	3	MSTEEL-A2-B0.500X1.250 f									
No	No		AISI A2 TOOL 3/16 f								
			STEEL BAR, 0.500 X 1.250								
			m137401								
4	4	71401-45									
		PROCUREMENT									
		QUALITY									
		CLAUSES									
		m137401									

Total Received Quantity:
Total Qty to Inspect (PO U/M): 713.0800
Total Reject Quantity: 0.0000
Total Receipt Value: \$0.00
Total Balance Due Quantity: \$1,952.98
0.0000

Page 1 of 1

All amounts are calculated in domestic currency.

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7

Tel. : 450 641-3330

Customer : 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Shipping Order

25/04/2017

Order : 124909
Reference : 36045
Bid : 22680
Ship : PICK UP / PICK UP

Ship To

Same

Tel. : 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
SSQT34340494	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N ***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N ***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 SQ TUBE .750 X .049 WALL 25 X 20' *** HT;9G078	500	500	
SSQT34340654	✓ TUBE SS304 180 GRIT 3/4" X 3/4" X .065" 10 X 20' *** HT;TBG113301	200	200	
TP12A2	A-2 PLATE TFA 1/2" THICK 1 X 1.250" -0+0 X 145" ht;pm59498	28	28	

SHIP JOURNEY COLLECT

JP

Shipping : _____
Package No. : _____
Merchandise Received : _____

Ref. : _____

Kingmaker Steel Co., Inc.

Stainless Steel Tube and Pipe

133 Belmont Drive, Somerset, NJ 08873-1203
 Tel.: (732) 302-1800, Fax: (732) 302-1822

Date: 3/30/2017

Invoice No: KM2017/0666

Purchase P007613

Order No:

Sold To:

Material Certification

ISO 9001:2015

ISO 14001:2004
 EN 10204/3.1B

Ship To:

Stainless Steel T.I.G. Welded Tubing.

Country of Melt: Taiwan, Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3" SQ X 0.180"W X 20'	TBG081460	MF	ASTM A554-16	MT-304
2:	3/4" SQ X 0.062"W X 20'	9G078	180G	ASTM A554-16	MT-304
3:	1" SQ X 0.120"W X 20'	5A581	MF	ASTM A554-16	MT-304
4:	1-1/4" SQ X 0.060"W X 20'	9G022	180G	ASTM A554-16	MT-304
5:	1-1/2" SQ X 0.120"W X 20'	5C594	MF	ASTM A554-16	MT-304

CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo
1:	.038	.440	1.08	.034	.001	18.09	8.03	
2:	.025	.650	1.57	.031	.001	18.40	8.00	
3:	.018	.270	1.31	.031	.006	18.13	8.01	
4:	.016	.400	1.53	.027	.001	18.00	8.00	
5:	.018	.380	1.41	.033	.002	18.21	8.04	

MECHANICAL PROPERTIES

	Tensile (N/mm ²)	Yield (N/mm ²)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	666.00	306.00	54.00	88.00			
2:	677.00	279.00	53.00	85.00			
3:	648.00	302.00	51.00	86.00			
4:	688.00	316.00	51.00	87.10			
5:	652.00	311.00	51.00	87.00			

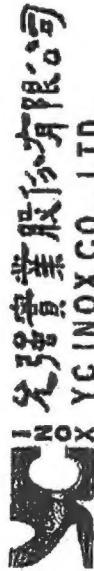
WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

Page: 1/2

Carrie Wang
 Authorized Signature

3/30/2017

Date



檢驗證明書
INSPECTION CERTIFICATE

524号化建深州路中山路西路270號
No.270, Sec.4, Jungshan Rd., Shijou Shiang,
Chang-Hua, Taiwan, R.O.C
<http://www.yicoma.com>
TEL: +886 4 26666666 FAX: +886 4 26666667

项目 Item No.	炉号 Heat No.	产品规格 Product Description		化学成份(%) Chemical Composition						拉伸试验 Tension Test				
		尺寸 Dimension	数量 Quantity Pcs	表面 Finish	C	S	Si	Mn	P	N	宽度 Width mm	屈服 Strength 0.2% N/mm ²	强度 Strength N/mm ²	伸长率 Elongation %
1	TBG113301	3/4" (19.05mm) x 1/4" (6.35mm) x 20FT	50	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
2	TBG097296	2.1/2" (63.5mm) x 1/2" (12.7mm) x 20FT	5	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
3	TBG092276	2" (50.8mm) x 2" (50.8mm) x 1/4" x 20FT	13	MILL	0.19	0.020	0.45	0.25	0.005	0.000	200	890	1800	
4	TBG211892	3/4" (19.05mm) x 3 (75.2mm) x 0.12" (3.05mm) x 20FT	23	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
5	TBG122730	3/4" (19.05mm) x 2" (50.8mm) x 1/4" x 20FT	13	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
6	TBG137271	4" (101.6mm) x 4" (101.6mm) x 0.12" (3.05mm) x 20FT	23	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
7	TBG137272	4" (101.6mm) x 4" (101.6mm) x 0.12" (3.05mm) x 20FT	13	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
8	TBG134689	4" (101.6mm) x 1/2" (12.7mm) x 1/4" x 20FT	23	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
9	TBG122118	1 1/4" (31.8mm) x 2" (50.8mm) x 0.12" (3.05mm) x 20FT	50	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
10	TBG132247	2" (50.8mm) x 2" (50.8mm) x 0.12" (3.05mm) x 20FT	25	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	
11	TBG132448	2" (50.8mm) x 2" (50.8mm) x 0.12" (3.05mm) x 20FT	25	MILL	0.20	0.020	0.45	0.25	0.005	0.000	200	890	1800	

This certificate contains 3170110200

2010 Hardness Test

Visual Inspection(Surface) and Dimension Check : OK

$$1 \text{ MPa} = 1 \text{ N/mm}^2 = 10 \text{ bar} = 145 \text{ psi}$$

$$10.2 \text{ kg/cm}^2$$

貢文 / 緒論 3/7

CERTIFICAT D'ANALYSE

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

24 avril 17

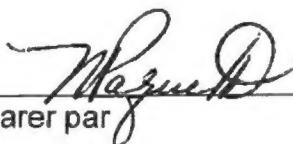
A2-05000	1.00	675.00	0.00
1/2 X 31 1/4" X 145 1/8" A2 PLATE			
ASTM A-681-08			
DFARS Compliant	DAS	9	
PLATE# :	412457B	9-89	
Country of Origin	FRANCE		
C -	0.9770	Mn -	0.6180
Cr -	5.1510	Mo -	0.9260
P -	0.0100	S -	0.0008
Cu -	0.1120	V -	0.2120
PM HEAT# :	59498	BHN	207.00
Si -	0.2700	Ni -	0.2100
W -	0.0040		

ITEM 3:

COMMANDE : 124909

REF : 36045

Métaux Solutions inc. certifie que les analyses sur ce document sont exactes et que le matériel rencontre les spécifications énumérées.


Préparer par

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304750,750W049
 DATE: MAY 05 2017

PO / BATCH NO.: PC36045/M137401

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 500'
 QUANTITY INSPECTED: 500'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .049
 THICKNESS RECEIVED: .046
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/>	N
CORROSION	Y <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/>	N
CORRECT MATERIAL	Y <input checked="" type="radio"/>	N
CORRECT THICKNESS	Y <input checked="" type="radio"/>	N
PHOTO REQUIRED	Y <input checked="" type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/>	N
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/>	ASTM A554 HT # 96078
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/>	N
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/>	N
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>MAY 05 2017</u>	SIGNED OFF BY: _____ DATE: _____
DAS 9 9.88	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304150.750W.065
 DATE: MAY 05 2017

PO / BATCH NO.: 036045/137401

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 200
 QUANTITY INSPECTED: 200
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .065
 THICKNESS RECEIVED: .056
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/>	N
CORROSION	Y <input checked="" type="checkbox"/>	N
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/>	N
CORRECT MATERIAL	Y <input checked="" type="checkbox"/>	N
CORRECT THICKNESS	Y <input checked="" type="checkbox"/>	N
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/>	ASTM A554
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/>	HT # TBG113301
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/>	N
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/>	N
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>CB</u> DATE: <u>MAY 05 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MSteel-12-B0.500x1.250
 DATE: MAY 05 2017

PO / BATCH NO.: PO36045/M137401

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500
 THICKNESS RECEIVED: .523
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	ASTM A681
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	HT #59498
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AB</u> DATE: <u>MAY 05 2017</u>	SIGNED OFF BY: _____ DATE: _____
DAS 9 9.89	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36045**

Purchase Order Date 4/24/2017

PO Print Date 4/24/2017

Page Number 1 of 2

Order From : VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIERR EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
APR 24 2017

Contact Name
Vendor Phone 800 558 8858

Buyer Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Ship To Contact
Ship To Phone
Ship Via: Journey Freight collect
Ship Acct:

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304TS0.750W.049	304 SQ Tube .75x.75x.049W	4/28/2017 4/28/2017	Yes	f	\$3.80	\$1,900.00

MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

AS PER ASTM A554 MILL FINISH

OR

AS PER ASTM A269 MILL FINISH

2	M304TS0.750W.065	304 SQ Tube .75x.75x.065W	4/28/2017 4/28/2017	Yes	f	\$2.75	\$550.00
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MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

AS PER ASTM A554 MILL FINISH

OR

AS PER ASTM A269 MILL FINISH

Line Total: \$1,900.00

Line Total: \$550.00

Note:



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36045**

Purchase Order Date 4/24/2017
PO Print Date 4/24/2017

Page Number 2 of 2

Order From : VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 800 558 8858

Buyer Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Ship To Contact
Ship To Phone
Ship Via: Journey Freight collect
Ship Acct:

3 MSTEEL-A2-B0.500X1.250 AISI A2 TOOL STEEL 4/28/2017 12.00 \$12.38 \$148.50

BAR, 0.500 X 1.250
Yes 4/28/2017

f P-08.

MATERIAL: AISI A2 TOOL STEEL, ANNELED CONDITION
AS PER A681

DAS

9

9-89

NOTE: TOLERANCE -0+0" AS PER QUOTATION #16619
CUT AT 1.25"

4 71401-45 PROCUREMENT QUALITY CLAUSES 4/28/2017 1.00 \$0.00 \$0.00

✓

Line Total:

\$148.50

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

4/28/2017
No

✓

1.00

Line Total:

\$0.00

SP14-28.

Change Nbr: 2

Change Date: 4/24/2017

Line Total:

\$0.00

✓
CL

PO Total:

\$2,598.50

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.